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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

February 21, 2006

Mr. Roy J. Schepens, Manager
Office of River Protection
United States Department of Energy
P.O. Box 450, MSIN: H6-60
Richland, Washington 99352

RECEIVED
FEB 28 2006
EDMC

Mr. Jim Henschel, Project Manager
Bechtel National, Inc.
2435 Stevens Center Place, MSIN: H4-02
Richland, Washington 99354

Dear Mr. Schepens and Mr. Henschel:

Re: Class ¹1 Modification to the Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit, Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Chapter 10 (Waste Treatment and Immobilization Plant) WA7890008967; Hanford Facility RCRA Permit Modification Notification Form 24590-PTF-PCN-ENV-05-032

The Department of Ecology approves the referenced Class ¹1 Modification submitted by the U.S. Department of Energy – Office of River Protection. The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

Modification 24590-PTF-PCN-ENV-05-032 provides the updated (Revision 2) Material Selection Data Sheet for the Pretreatment Facility Spent Resin Slurry Vessels (RDP-VSL-00002A/B/C).

If there are any questions, contact me at (509) 372-7882 or Robbie Biyani at (509) 372-7884.

Sincerely,

Brenda Becker-Khaleel
WTP Lead Permit Writer
Nuclear Waste Program

BBK:AH:jc
Enclosure

cc: see next page



Mr. Roy J. Schepens and Mr. Jim Henschel
February 21, 2006
Page 2

cc/electronic: Robert C. Barr, USDOE
John Eschenberg, USDOE
Joel Hebdon, USDOE
Lori Huffman, USDOE
Tony McKarns, USDOE
Gae Neath, USDOE
Woody Russell, USDOE
Don Sommer, USDOE
Julie Atwood, BNI
Bill Elkins, BNI
Brad Erlandson, BNI
Stan Hill, BNI
Dennis Klein, BNI
Phil Peistrup, WGI

cc w/enclosures: Administrative Record: Tank Waste Treatment Requirements ✓
ORP Correspondence Control

Hanford Facility RCRA Permit Modification Notification Form

Unit:

Waste Treatment and Immobilization Plant

Permit Part & Chapter:

Part III, Chapter 10 and Attachment 51

Description of Modification:

The purpose of this modification is to update PTF Plant Item Material Selection Data Sheet (MSDS) for the Spent Resin Slurry Vessels (RDP-VSL-00002A/B/C) currently in Appendix 8.9 in the Dangerous Waste Permit (DWP).

The following are the major changes to the above mentioned MSDS:

- A recommended corrosion allowance has been added
- Information on erosion has been added
- Additional references and items in the bibliography section have been added
- Process corrosion data sheet has been updated

These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment.

Please replace the following MSDS in the DWP:

Appendix 8.9

Replace:	24590-PTF-N1D-RDP-P0001, Rev. 1	With:	24590-PTF-N1D-RDP-P0001, Rev. 2
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WAC 173-303-830 Modification Class: ¹²

Class 1

Class ¹1

Class 2

Class 3

Please mark the Modification Class:

X

Enter Relevant WAC 173-303-830, Appendix I Modification citation number: N/A

Enter wording of WAC 173-303-830, Appendix I Modification citation: N/A

In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class ¹1 modification. WAC 173-303-830(4)(d)(ii)(A) states, "Class 1 modifications apply to minor changes that keep the permit current with routine changes to facility or its operation. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval."

Modification Approved: ☒ Yes ☐ No (state reason for denial)

Reviewed by Ecology:

Reason for denial:

S. Dahl

Date

2-17-06

¹ Class 1 modifications requiring prior Agency approval.

² This is only an advanced notification of an intended Class ¹1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.